

# Power Cost Memorandum Fuel Cost Update

Date: December 17, 2020

Utility Name (Cert. No.) <b>Elfin Cove Community Council d/b/a Elfin Cove Utility Company (701)</b>	Utility File No. <b>PC69-1014X</b>	Date Filed: <b>October 30, 2020</b>
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PCE AMOUNT SUMMARY	Previously Approved PC69-1014W	Staff Recommended Amount(s) and Effective Date PC69-1014X
Class Rate	<u>Date Approved:</u> August 7, 2020	December 18, 2020
Residential	\$0.3266	\$0.3362
Community Facilities	\$0.3266	\$0.3362
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Interim    <input checked="" type="checkbox"/> Permanent </div> <div> <input type="checkbox"/> Interim    <input checked="" type="checkbox"/> Permanent </div> </div>		

Prior Fuel Purchase Price: <u>\$ 3.0778</u>	New Fuel Purchase Price: <b>\$ 3.1778</b>
Delivery Charge: <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted <u>0.7</u>	Surcharge Change: Previous: <u>0.118</u> <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted Updated: <u>0.118</u>

Staff notes Elfin Cove included the State motor fuel tax - marine of \$0.05 in the cost per gallon of fuel on its Fuel Report. Staff removed the motor fuel tax from the amount reported to calculate the cost per gallon listed above. Staff removed it because fuel used by power plants for power generation are exempt and entitled to a refund of the motor fuel tax paid. (AS 43.40.015(d)(1), AS 43.40.030(d), and AS 43.40.100(C)) See Appendix 2.

Signed: *Brenda Cox*  
Brenda Cox

Utility Financial Analyst

**Commission decision re. this recommendation :**

	Date (if different from 12/17/20)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
McAlpine		<i>SM</i> SM		
Scott		<i>AGS</i> AGS		
Sullivan		<i>AS</i> DS		
Wilson		<i>JW</i> JW		

*Special Instructions to Staff:*

\* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# ELFIN COVE ELECTRIC UTILITY

## POWER COST EQUALIZATION CALCULATION

For the Test Period Ending June 30, 2014

### Fuel Cost Update

	PC69-1014W		PC69-1014X
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	277,261	277,261	277,261
B. Total kWh Sold (Appendix 2)	227,786	227,786	227,786
C. Total Non-Fuel Costs (Appendix 2)	54,740	54,740	54,740
<b>D. Non-Fuel Cost/kWh (C / B)</b>	<b>\$0.2403</b>	<b>\$0.2403</b>	<b>\$0.2403</b>
E. Total Fuel Costs (Appendix 2)	70,563	72,855	72,855
<b>F. Fuel Costs/kWh (E / B)</b>	<b>\$0.3098</b>	<b>\$0.3198</b>	<b>\$0.3198</b>
G. Eligible Costs/kWh (D + F)	\$0.5501	\$0.5602	\$0.5602
H. Eligible Cost/kWh (G) Less 20.63 cents/kWh	\$0.3438	\$0.3539	\$0.3539
I. Lesser of (H) or 79.37 cents/kWh	\$0.3438	\$0.3539	\$0.3539
J. Average Class Rates (Appendix 3) Residential Community Facilities	\$0.4537 \$0.4537	\$0.4537 \$0.4537	\$0.4537 \$0.4537
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J) Residential Community Facilities	\$0.3266 \$0.3266	\$0.3362 \$0.3362	\$0.3362 \$0.3362
L. Funding Level in Effect	100%	100%	100%
Residential	<b>\$ 0.3266</b>	<b>\$ 0.3362</b>	<b>\$ 0.3362</b>
Community Facilities	<b>\$ 0.3266</b>	<b>\$ 0.3362</b>	<b>\$ 0.3362</b>

PC69-1014X  
Appendix 1

# ELFIN COVE ELECTRIC UTILITY

## SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

For the Test Period Ending June 30, 2014

### Fuel Cost Update

			PC69-1014W	PC69-1014X	
			Prior Commission Approval	Per Utility	Per Staff
<b>Non-Fuel Costs:</b>					
A.	Personnel Costs		26,612	26,612	26,612
B.	Operating Expenses		9,350	9,350	9,350
C.	General & Administrative		17,242	17,242	17,242
D.	Depreciation		1,848	1,848	1,848
E.	Interest Expense		-	-	-
F.	Other (Describe)		(312)	(312)	(312)
<b>G.</b>	<b>Total Non-Fuel Costs</b>		<b>54,740</b>	<b>54,740</b>	<b>54,740</b>
H.	Gallons Consumed for Electric Generation		22,926	22,926	22,926
I.	Most Recent Price *	\$3.1778	\$3.0778	\$3.1778	\$3.1778
	Date Purchased	9/29/2020			
<b>J.</b>	<b>Total Cost of Fuel (HxI)</b>		<b>\$70,563</b>	<b>\$72,855</b>	<b>\$72,855</b>
<b>K.</b>	<b>kWh Sales</b>		<b>227,786</b>	<b>227,786</b>	<b>227,786</b>
<b>L.</b>	<b>kWh Generated</b>		<b>277,261</b>	<b>277,261</b>	<b>277,261</b>
<b>M.</b>	<b>kWh Station Service</b>		<b>29,455</b>	<b>29,455</b>	<b>29,455</b>
N.	<b>Efficiency</b>	<u>Standard</u>			
	(L/H)	≥ 10.5	12.09	12.09	12.09
O.	<b>Line Loss</b>	≤ 12%	7.22%	7.22%	7.22%
(kWh Generated -(kWh Sold + Station Service))/kWh Generated					

*	1.6936 Fuel	Delta Western 301372 9/10/20
	0.0010 LUST Fee	
	0.0095 Ak Refined Fuel Surcharge	
	0.0021 Sales Tax	
	0.7000 Delivery	Sea Level Transport 12703
	0.7716 Allowed Markup	
	<u>3.1778</u>	

PC69-1014X  
Appendix 2

# ELFIN COVE ELECTRIC UTILITY

## Calculation of Average Class Rate per kWh

Rate Schedule: Residential

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 /kWh
500	0.5600	0.1000	0.6600	330.00	0.6600	0.4537

500 330.00 0.6600 0.4537  
TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 /kWh

TOTAL (A) (E)

## Computation of Community Facilities Average Rate

Rate Schedule:

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2063 /kWh
0 to 1,000	0.5600	0.1000	0.6600	0.4537
Next 500				
Over 1,500				

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